

**REPORT OF CHANNEL CONDITIONS
100 TO 400 FEET WIDE
(ER 1130-2-520)**

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DATE: **July 1, 2013**

TO:

FROM:



**US Army Corps
of Engineers**
New England District

Digitally signed by
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Date: 2013.07.01 10:06:38 -04'00'

RIVER/HARBOR NAME AND STATE: Quinnipiac River, New Haven, CT
Dwg. No. NHH-920, Sheet(s) 1-2 of 2, Dated 1 July 2013

MINIMUM DEPTHS IN
CHANNEL ENTERING FROM SEAWARD

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH Nautical (miles)	MLLW DEPTH (feet)			
<u>CONDITION SURVEY</u>							
<u>18-Foot Channel</u>							
From about 500' seaward of Tomlinson Bridge upstream about 860' to the Connecticut Turnpike Bridge	5/11	500 to 115	.14	18.0	(1) 16.3	16.9	(2) 14.0
Thence upstream 3,415' to Ferry Street Bridge abutments (about 1,425' upstream from Buoy GC-1)	5/11	325 to 110	.56	18.0	(3) 14.9	15.0	(4) 12.2
<u>16-Foot Channel</u>							
Thence upstream 1,740' to about 1,170' seaward of south face of Grand Avenue Bridge	5/11	110 to 200	.29	16.0	11.4	12.3	(5) 11.8
<u>12-Foot Channel</u>							
Thence upstream 1,130' to about 35' seaward from face of Grand Avenue Bridge	5/11	200	.19	12.0	(6) 12.0	(7) 12.0	(8) 12.0
<u>18-Foot Turning Area</u>							
	5/11		1.37 acres	18.0		12.0' available	

GENERAL NOTE: The information shown on this sheet(s) represents the results of surveys made on the dates indicated and can only be considered as indicating the general conditions existing at that time.

FOOT NOTES:

- (1). Except for shoaling to 15.4' within 15' of channel limit.
- (2). Except for shoaling to 13.5' within 20' of channel limit.
- (3). Except for shoaling to 13.6' within 10' of channel limit.
- (4). Except for shoaling to 11.5' within 10' of channel limit.
- (5). Except for shoaling to 11.2' within 10' of channel limit.
- (6). Except for shoaling to 11.5' within 10' of channel limit.
- (7). Except for shoaling to 10.0' within last 5' of Federal Channel.
- (8). Except for shoaling to 11.6' within 10' of channel limit and 11.4' within last 10' of channel.